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PTO/SB/21 (04-04)  
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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/629,935
	Filing Date	29-Jul-2003
	First Named Inventor	Steve R. Martin et al
	Art Unit	2651
	Examiner Name	Fred Tzeng
Total Number of Pages in This Submission	Attorney Docket Number	STL11269

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to Technology Center (TC)
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	copy of Recordation and Assignment,
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	Request for Correction & Certificate of Correction
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

**Certificate**  
**FEB 16 2006**  
**of Correction**

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Seagate Technology LLC
Signature	Kirk A. Cesari Reg. No. 47,479
Date	2-7-06

CERTIFICATE OF TRANSMISSION/MAILING	
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.	
Typed or printed name	Rhonda Carl
Signature	Rhonda Carl
Date	2-8-06

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

FEB 17 2006



CERTIFICATE OF CORRECTION UNDER 1.322

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s):	Steve R. Martin et al.	Date:	February 8, 2006
S.N.:	10/629,935	Docket No.:	STL 11269.00
Filed:	7-29-2003	Examiner:	Fred Tzeng
Patent No.:	6,985,324	Issued:	1-10-2006
For:	COUNTERACTING GAS INGESTION IN A HYDRODYNAMIC BEARING SPINDLE MOTOR		
		Art Unit:	2651

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REQUEST FOR CERTIFICATE OF CORRECTION --  
UNDER 37 CFR 1.322

Commissioner for Patents  
Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In conformity with 37 C.F.R. § 1.322, Applicant hereby requests a Certificate of Correction in connection with the above-identified patent.

Bradley J. Gill should also be listed on this patent as an inventor.

Form PTO-1050 entitled CERTIFICATE OF CORRECTION setting out the printer's errors is completed and is enclosed. It is respectfully requested that the enclosed Certificate be approved and signed by an Attesting Officer, and that a copy be returned to Applicant's attorney for attachment to the original Certificate of Letters Patent.

The error listed is a non-Applicant mistake; no fee is necessary in connection with this certificate.

FEB 17 2006

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,985,324

DATED : 1-10-2006

INVENTOR(S) : Martin et al

It is certified that an error appears in the above identified patent and that said Letters Patent is hereby corrected as shown below:

In (75) Inventors:

Steve R. Martin, Louisville, CO (US)  
James A. Herbst, Longmont, CO (US)  
Eric N. Heiney, Loveland, CO (US)  
Bradley J. Gill, Longmont, CO (US)

MAILING ADDRESS OF SENDER:

Seagate Technology LLC  
Intellectual Property Department – SHK2LG  
1280 Disc Drive  
Shakopee, MN 55379

FORM PTO 1050 (rev.2-93)

PATENT NO. 6,985,324

FEB 17 2006

Respectfully submitted,

By: 

Kirk A. Cesari

Reg. No. 47,479

Intellectual Property Department – SHK2LG

Seagate Technology LLC

1280 Disc Drive

Shakopee, MN 55379

Telephone: (952) 402-3534

Attorney for Applicants

Please address all correspondence to:

Seagate Technology LLC

Intellectual Property Department – SHK2LG

1280 Disc Drive

Shakopee, MN 55379

Phone: (952) 402-3534

Fax: (952) 402-2657

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service, as first class mail, in an envelope addressed to: Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450, on February 8, 2006.

By: 

Rhonda Carl

FEB 17 2006



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Intellectual Property Dept.

MAR 28 2005

UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

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MARCH 21, 2005

PTAS



\*102842654A\*

SEAGATE TECHNOLOGY, LLC  
KIRK A. CESARI  
1280 DISC DRIVE  
SHK2LG  
SHAKOPEE, MN 55379

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/20/2004

REEL/FRAME: 015799/0342

NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

MARTIN, STEVE R.

DOC DATE: 08/30/2004

ASSIGNOR:

HERBST, JAMES A.

DOC DATE: 08/30/2004

ASSIGNOR:

HEINEY, ERIC N.

DOC DATE: 08/30/2004

ASSIGNOR:

GILL, BRADLEY J.

DOC DATE: 08/30/2004

ASSIGNEE:

SEAGATE TECHNOLOGY LLC  
920 DISC DRIVE  
SCOTTS VALLEY, CALIFORNIA 95066

FEB 17 2006

015799/0342 PAGE 2

SERIAL NUMBER: 10629935

FILING DATE: 07/29/2003

PATENT NUMBER:

ISSUE DATE:

TITLE: COUNTERACTING GAS INGESTION IN A HYDRODYNAMIC BEARING SPINDLE MOTOR

KIMBERLY WHITE, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

SEP 17 2006

09-23-2004



102842654

To the Director of the U.S. Patent and Trademark Office

documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

Steve R. Martin  
James A. Herbst  
Eric N. Heiney

August 30, 2004

Additional name(s) of conveying party(ies) attached? ☒ Yes ☐ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other

4. Application or patent number(s):

☒ This document is being filed together with a new application.

A. Patent Application No.(s)  
10/629,935

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Seagate Technology LLC

Internal Address: SHK2LG

Street Address: 1280 Disc Drive

City: Shakopee

State: MN Zip: 55379

Phone Number: 952-402-3436

Fax Number: 952-2657

Email Address:

9. Signature:

Kirk A. Cesari

Name of Person Signing

6. Total number of applications and patents involved:

7. Total fee (37 CFR

40.00

- ☐ Authorized to be charged by credit card  
☒ Authorized to be charged to deposit account  
☐  
☐ None required (government interest not affecting title)

8. Payment Information

Credit Card Last 4 Numbers  
Expiration Date

Deposit Account Number 19-1038

Authorized User Name Seagate Technology LLC

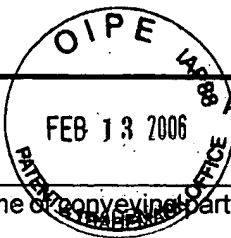
09/22/2004 ECOOPER 00000068 191038 10629935 Signature

Date

01 FC:8021 40.00 DA

Total number of pages including cover sheet, attachments, and documents:

FEB 17 2006



## ATTACHMENT FOR RECORDATION FORM COVER SHEET

## PATENTS ONLY (Form PTO-1595)

1. Name of conveying party(ies):

Bradley J. Gill

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Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: \_\_\_\_\_

Internal Address: \_\_\_\_\_

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Name and address of receiving party(ies):

Name: \_\_\_\_\_

Internal Address: \_\_\_\_\_

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Additional name(s) &amp; address(es) attached?

☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)

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B. Patent No.(s)

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Additional numbers attached?

☐ Yes ☒ No

FEB 17 2006



## ASSIGNMENT

Seagate Docket No. :

STL11269

WHEREAS, I/we Steve R. Martin of 1005Honeysuckle Ln, Louisville, CO 80027, James A. Herbst of 2531 Stratford Ln, Longmont CO 80503, Eric N. Heiney of 6204 Kelly Beth Circle, Loveland, CO 80537, and Bradley J. Gill of 789 Glenarbor Circle, Longmont, CO 80501 are the inventor(s) of an invention entitled COUNTERACTING GAS INGESTION IN A HYDRODYNAMIC BEARING SPINDLE MOTOR that is the subject matter of: (check all that apply)

- ☐ a provisional application for Letters Patent which is identifiable in the United States Patent and Trademark Office by Application No. \_\_\_\_\_ filed on 200;
- ☒ an application for Letters Patent which is identifiable in the United States Patent and Trademark Office by Application No. 10/629,935 filed on 29-Jul-2003 and/or executed on even date herewith: and
- ☐ an international application for Letters Patent filed pursuant to the Patent Cooperation Treaty which is identifiable in the United States Receiving Office by Application No. \_\_\_\_\_ filed on \_\_\_\_\_; and/or executed on even date herewith: .

WHEREAS, Seagate Technology LLC, a limited liability company organized and existing under the laws of the State of Delaware and the United States of America, and having offices at 920 Disc Drive, Scotts Valley, California, 95066 USA, ("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the applications, and any and all Letters Patent or similar foreign or domestic legal protection;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I/we transfer to Assignee, its successors and assigns, my/our entire right, title and interest in and to the invention, the above-identified applications, all provisional applications from which any of the above-identified applications claim priority, corresponding domestic and foreign applications, any continuation, division, renewal, or substitute for the applications, all Letters Patent, any reissue, re-examination, or similar legal protection issuing related to the Letters Patent, and all rights and benefits under any applicable treaty or convention; and I/we authorize the Director of the United States Patent and Trademark Office or foreign equivalent to issue the Letters Patent or similar legal protection to the Assignee.

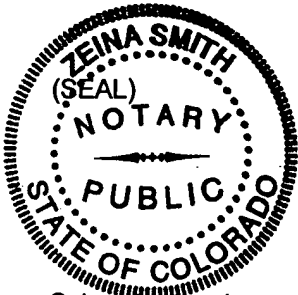
I/We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and application numbers when ascertained. I/We further authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries and appoint Assignee the common representative in the above identified international application and any international application for the invention.

I/We represent to the Assignee, its successors and assigns, that I/we have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I/We, my/our executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute and deliver to Assignee or its legal representatives such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries, including without limitation providing testimony in any related interference, litigation or proceeding.

FEB 17 2006

Steve R. Martin  
Steve R. Martin

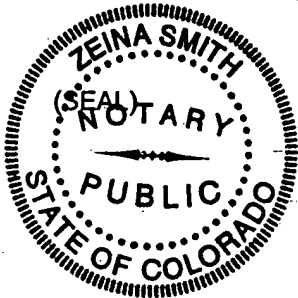
Subscribed and sworn to before me at Longmont, Colorado, a Notary Public,  
this 30<sup>th</sup> day of August, 2004.



Zeina Smith  
Notary Public  
Zeina Smith, Notary Public  
State of Colorado  
My Commission Expires 12/2/2005

James A. Herbst  
James A. Herbst

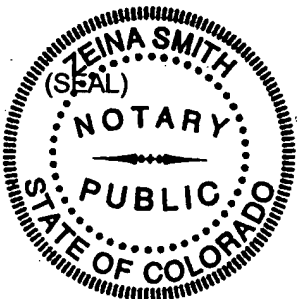
Subscribed and sworn to before me at Longmont, Colorado, a Notary Public,  
this 30<sup>th</sup> day of August, 2004.



Zeina Smith  
Notary Public  
Zeina Smith, Notary Public  
State of Colorado  
My Commission Expires 12/2/2005

Eric N. Heiney  
Eric N. Heiney

Subscribed and sworn to before me at Longmont, Colorado, a Notary Public,  
this 30<sup>th</sup> day of August, 2004.



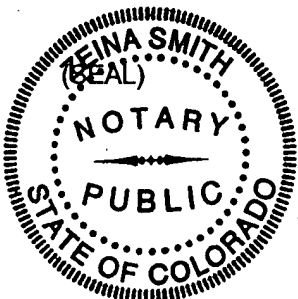
Zeina Smith  
Notary Public  
Zeina Smith, Notary Public  
State of Colorado  
My Commission Expires 12/2/2005

Bradley J. Gill  
Bradley J. Gill

Subscribed and sworn to before me at Longmont, Colorado, a Notary Public,  
this 30<sup>th</sup> day of August, 2004.

Zeina Smith  
Notary Public

Zeina Smith, Notary Public  
State of Colorado  
My Commission Expires 12/2/2005



SEP 17 2005